Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085145.D
Acq On : 3 Mar 2016 3:16
Operator : SJ/IZ
Sample : H1623-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-37-022516

Manual Integrations APPROVED
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Quant Time: Mar 03 05:28:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	165979	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	680546	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	300112	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	524231	20.00	ng	0.00
75) Chrysene-d12	14.15	240	366746	20.00	ng	0.00
86) Perylene-d12	15.63	264	376363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1379049	134.89	ng	0.03
7) Phenol-d6	6.62	99	1658416	123.74	ng	0.00
23) Nitrobenzene-d5	7.56	82	1218847	95.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	504017	167.12	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1733596	85.07	ng	0.00
78) Terphenyl-d14	13.10	244	1466620	93.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.30	128	1318478	38.31	ng	99
37) 2-Methylnaphthalene	8.98	142	54958	2.61	ng	98
51) Acenaphthene	10.06	154	37597	2.07	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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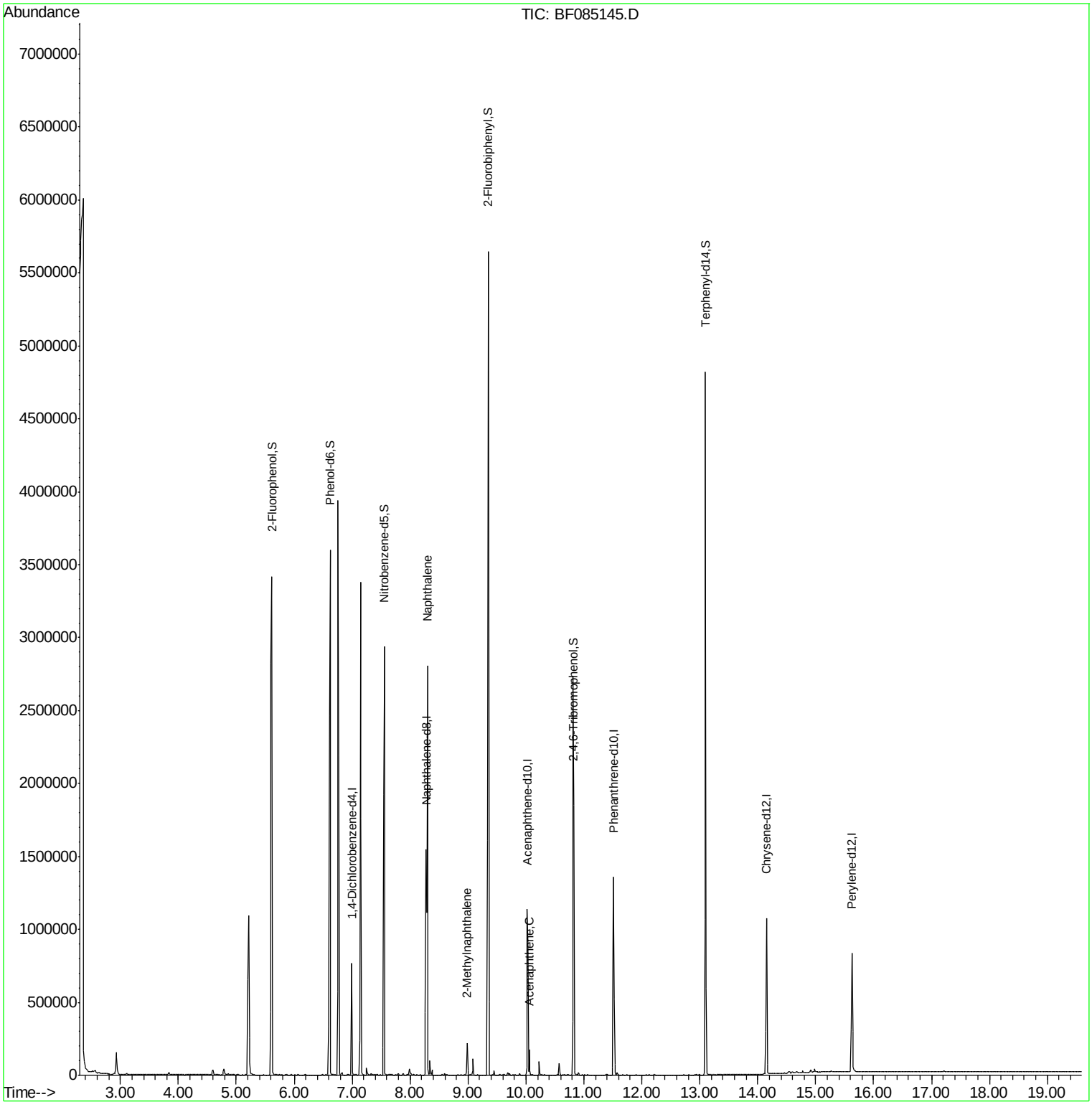
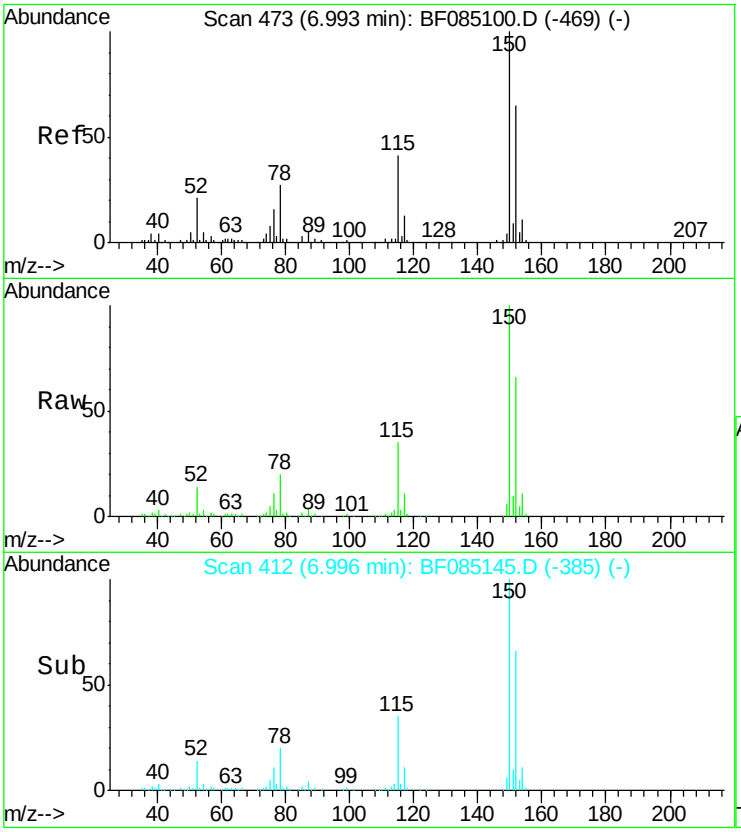
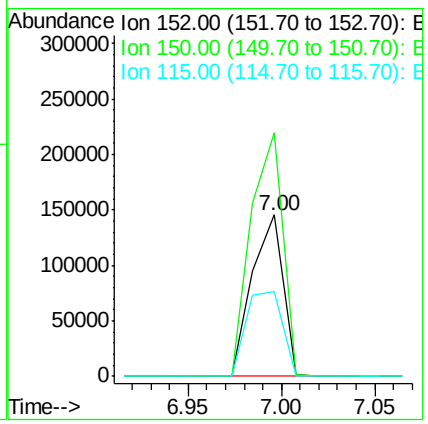




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:152 Resp: 165979

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.4	185.0
115	52.3	50.0	75.0



Instrument :
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ClientSampleId :
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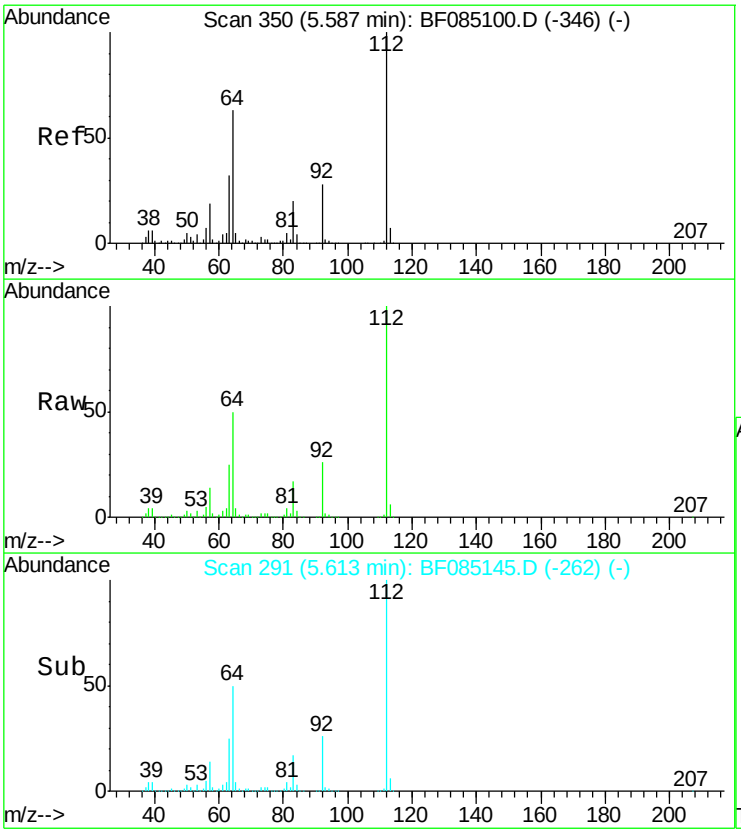
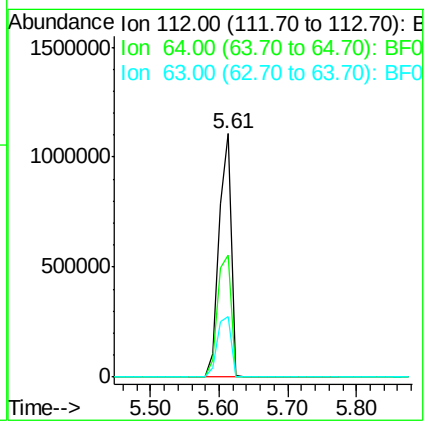
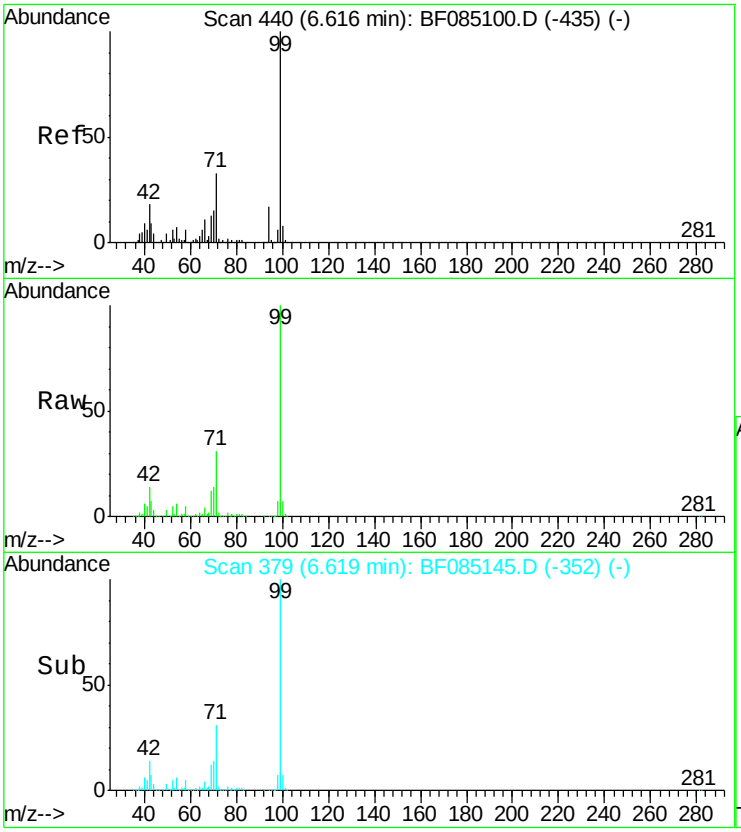


#5
2-Fluorophenol
Concen: 134.89 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:112 Resp: 1379049

Ion	Ratio	Lower	Upper
112	100		
64	50.0	50.6	76.0#
63	25.0	25.5	38.3#

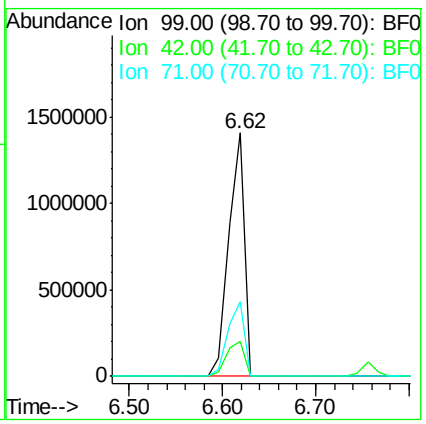




#7
Phenol-d6
Concen: 123.74 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion: 99 Resp: 1658416

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	30.7	26.8	40.2



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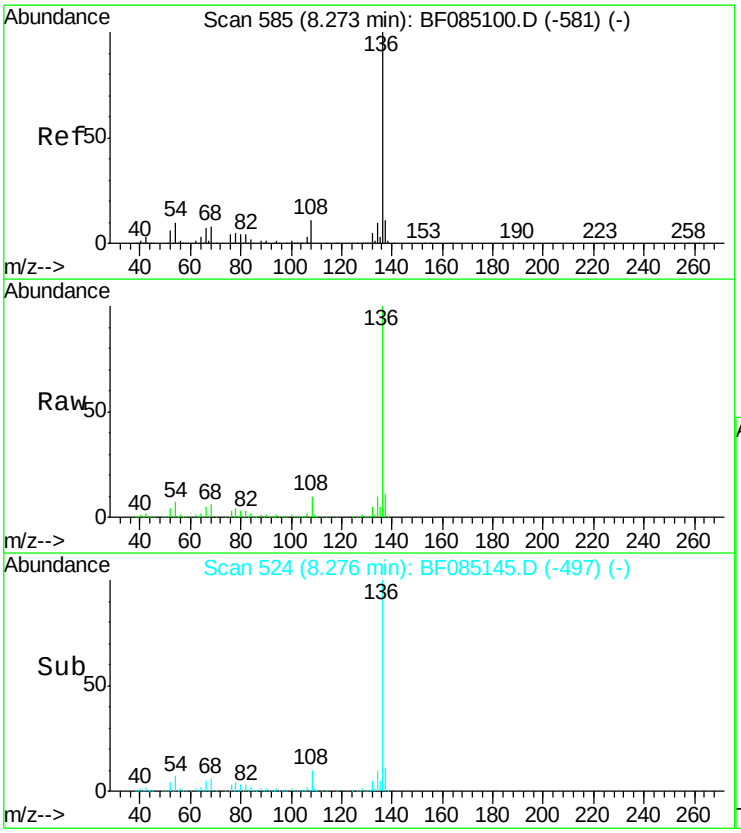
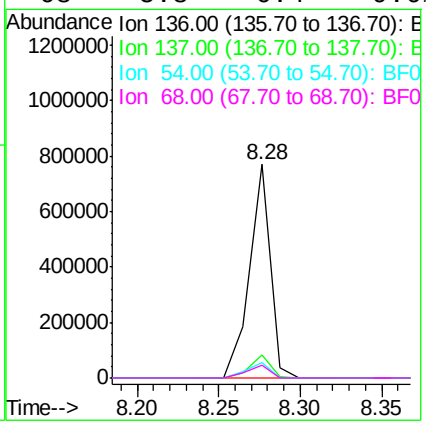
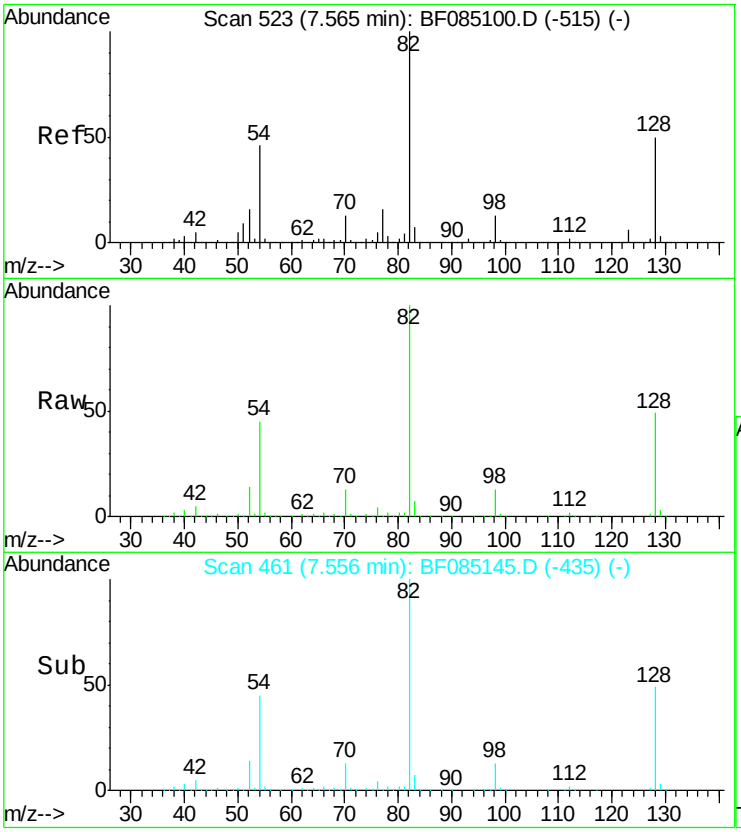


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:136 Resp: 680546

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	8.5	12.7#
68	5.8	6.4	9.6#

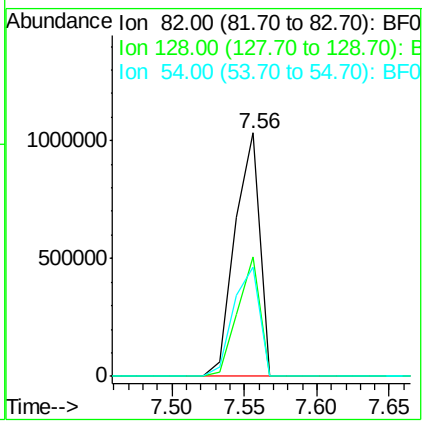




#23
Nitrobenzene-d5
Concen: 95.29 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion: 82 Resp: 1218847

Ion	Ratio	Lower	Upper
82	100		
128	48.8	39.8	59.6
54	44.9	36.6	54.8



Instrument :
BNA_F
ClientSampleId :
HSR-WC-37-022516

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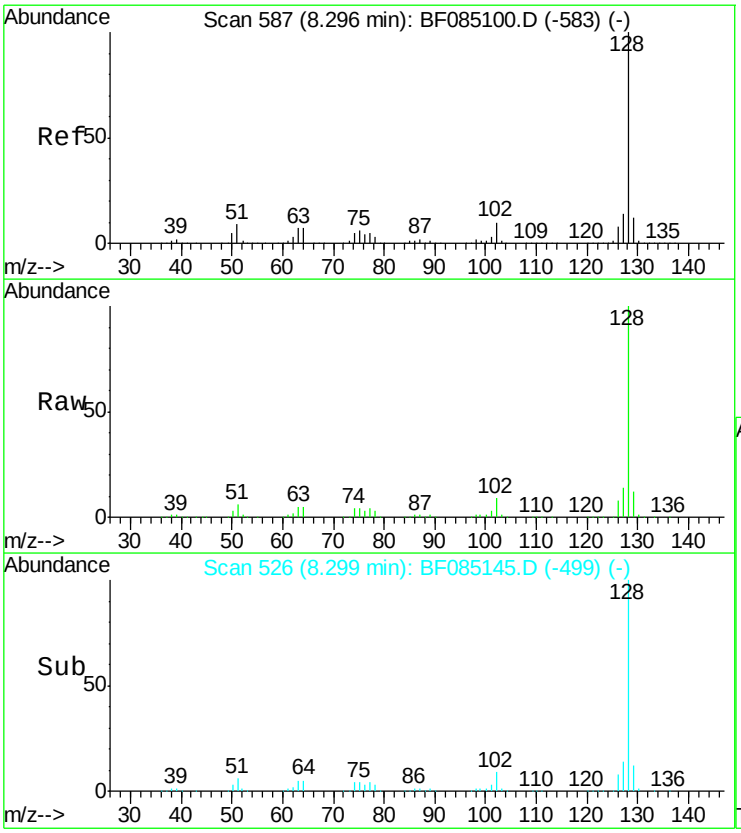
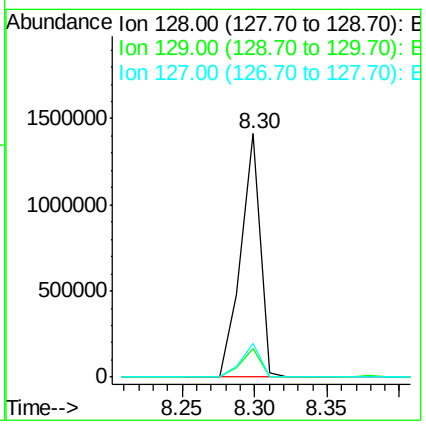
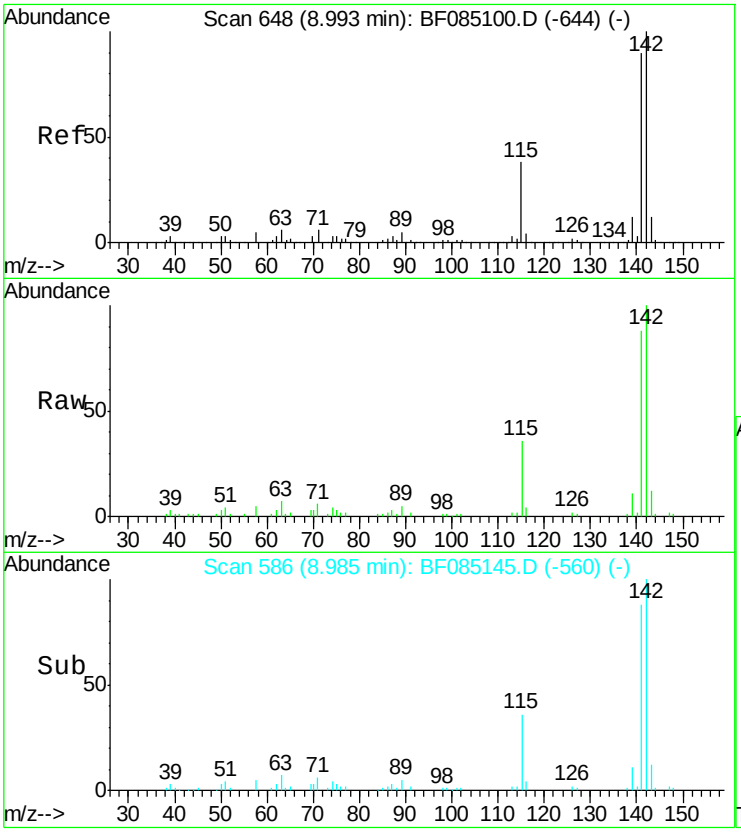


#31
Naphthalene
Concen: 38.31 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:128 Resp: 1318478

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.7	11.1	16.7

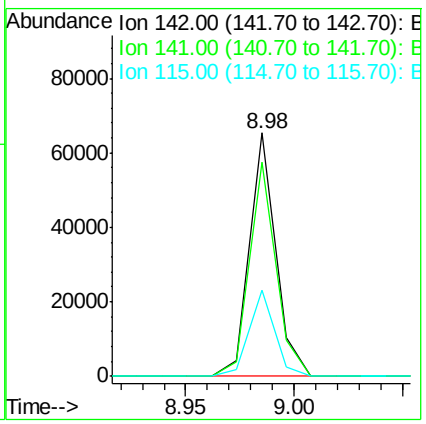




#37
2-Methylnaphthalene
Concen: 2.61 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:142 Resp: 54958

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	35.6	30.1	45.1



Instrument :
BNA_F
ClientSampleId :
HSR-WC-37-022516

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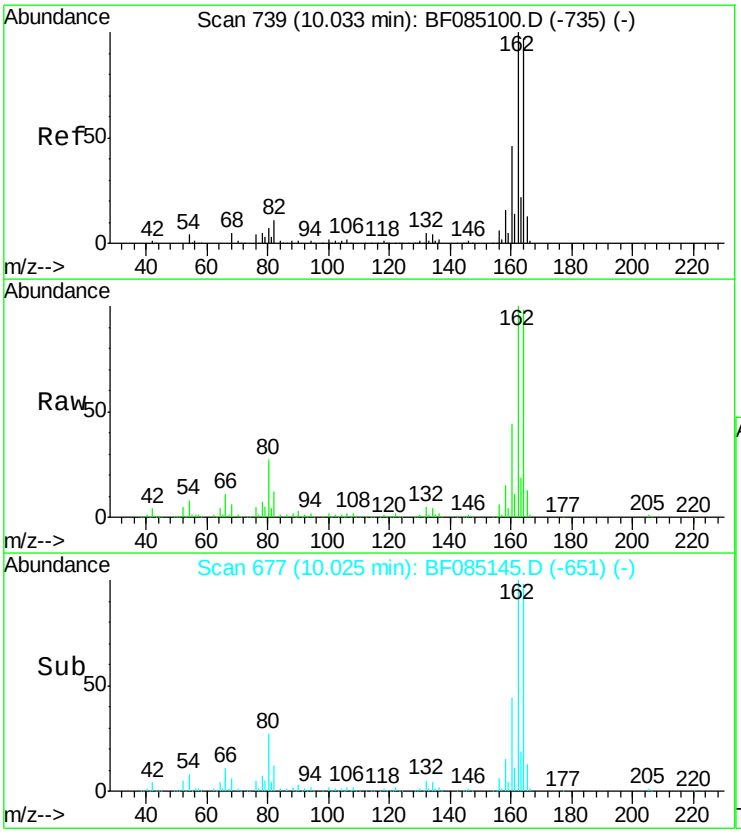
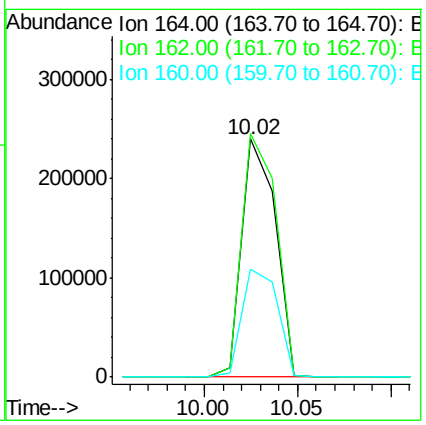
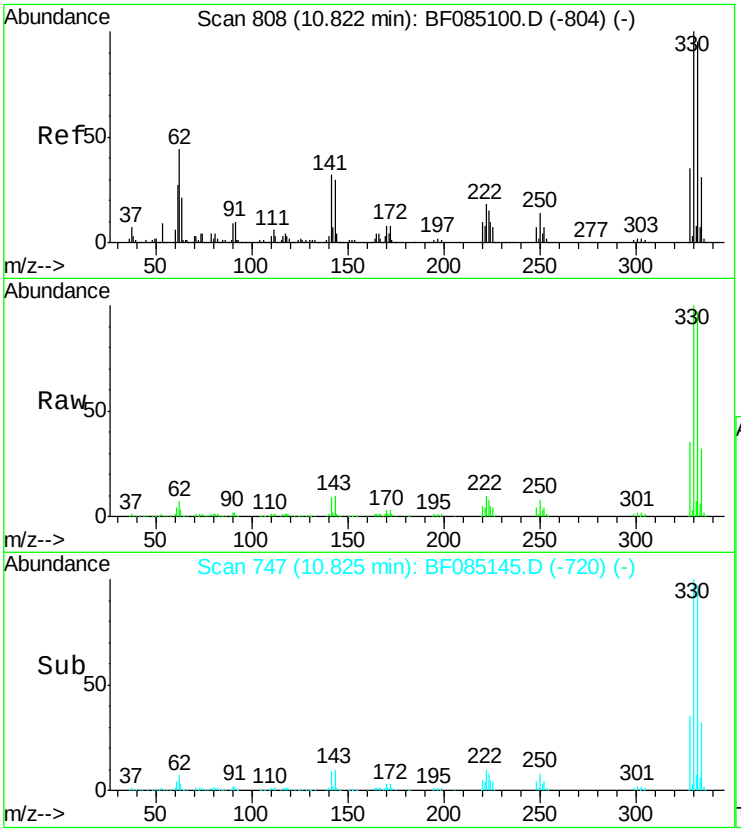


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:164 Resp: 300112

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	45.2	38.2	57.2

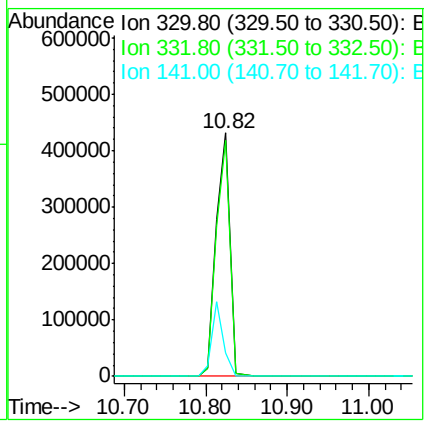




#41
2,4,6-Tribromophenol
Concen: 167.12 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:330 Resp: 504017

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	26.5	28.9	43.3#



Instrument :
BNA_F
ClientSampleId :
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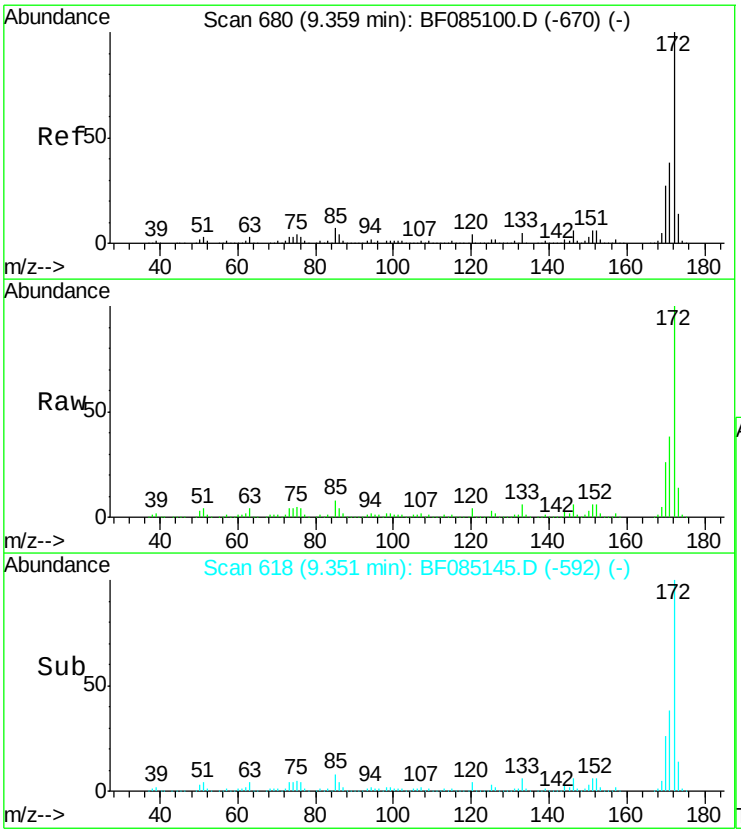
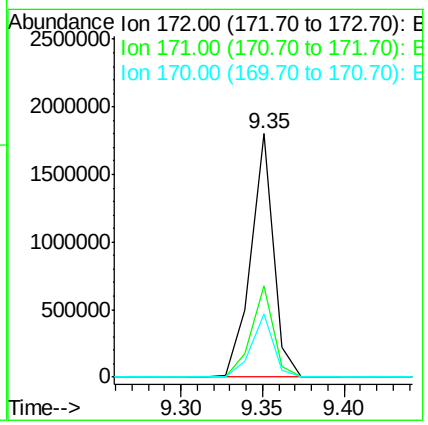
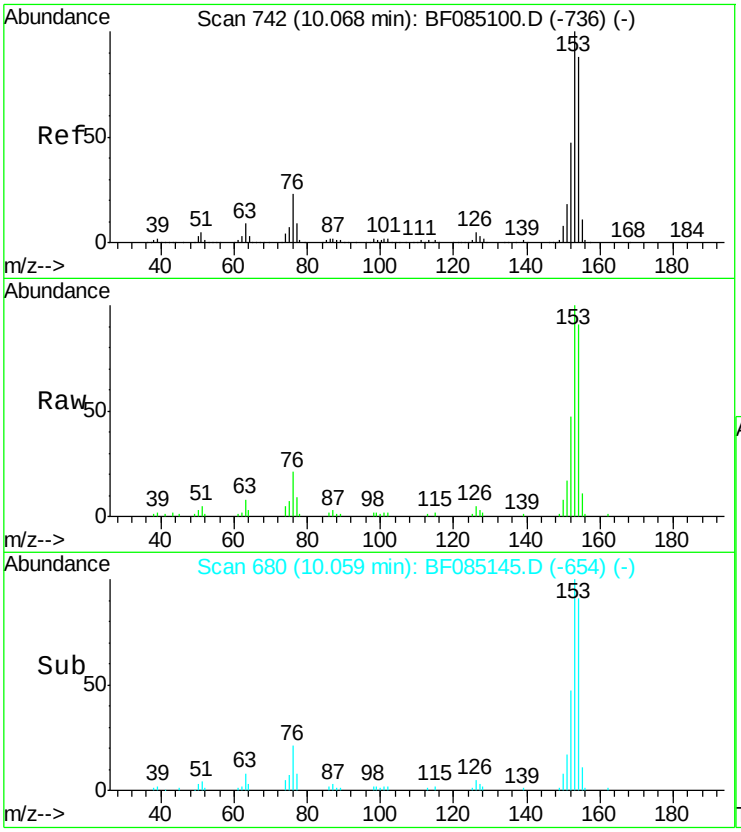


#44
2-Fluorobiphenyl
Concen: 85.07 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:172 Resp: 1733596

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.7	21.2	31.8

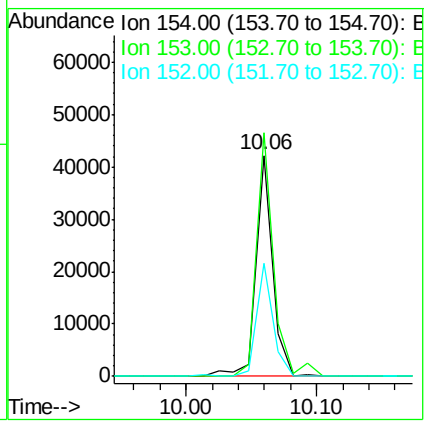




#51
Acenaphthene
Concen: 2.07 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:154 Resp: 37597

Ion	Ratio	Lower	Upper
154	100		
153	110.3	91.0	136.6
152	51.3	43.0	64.6



Instrument :
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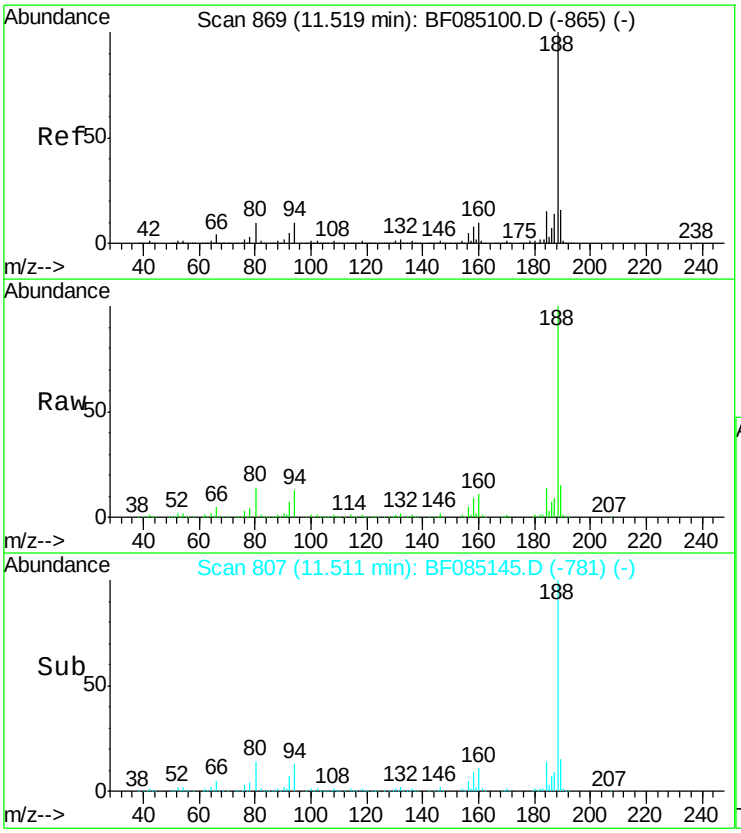
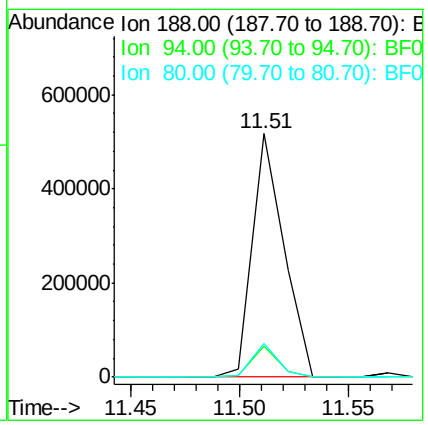
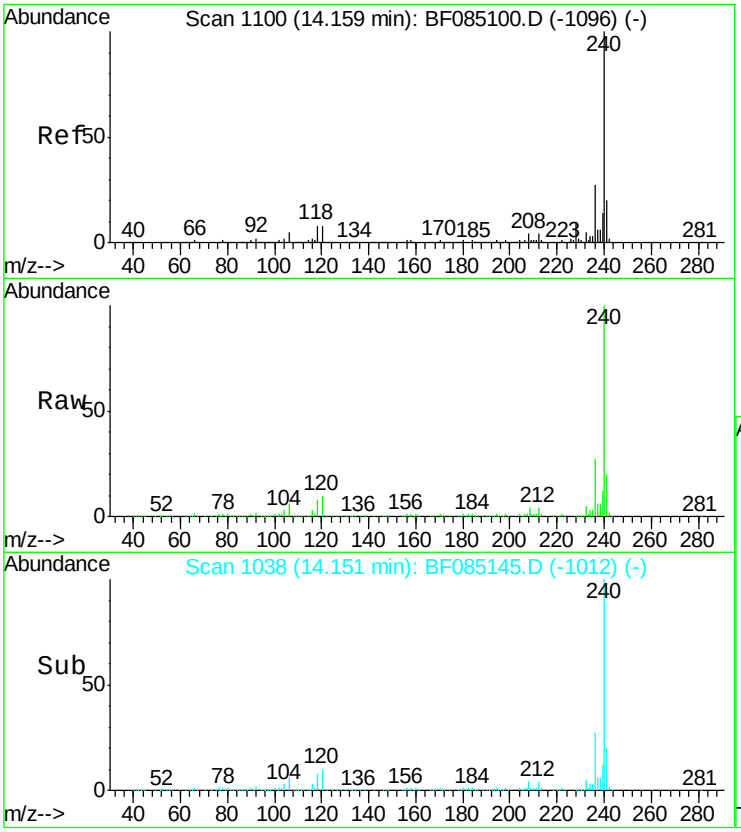


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:188 Resp: 524231

Ion	Ratio	Lower	Upper
188	100		
94	12.9	7.8	11.6#
80	13.8	8.2	12.4#

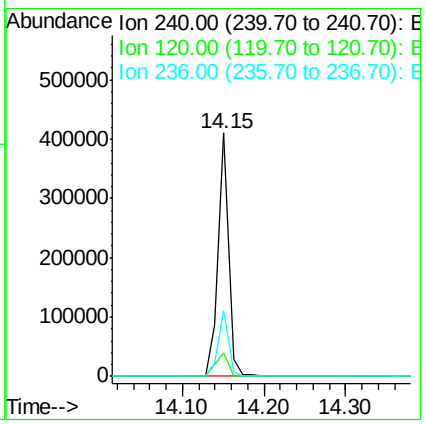




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:240 Resp: 366746

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.7	10.1
236	27.1	21.6	32.4



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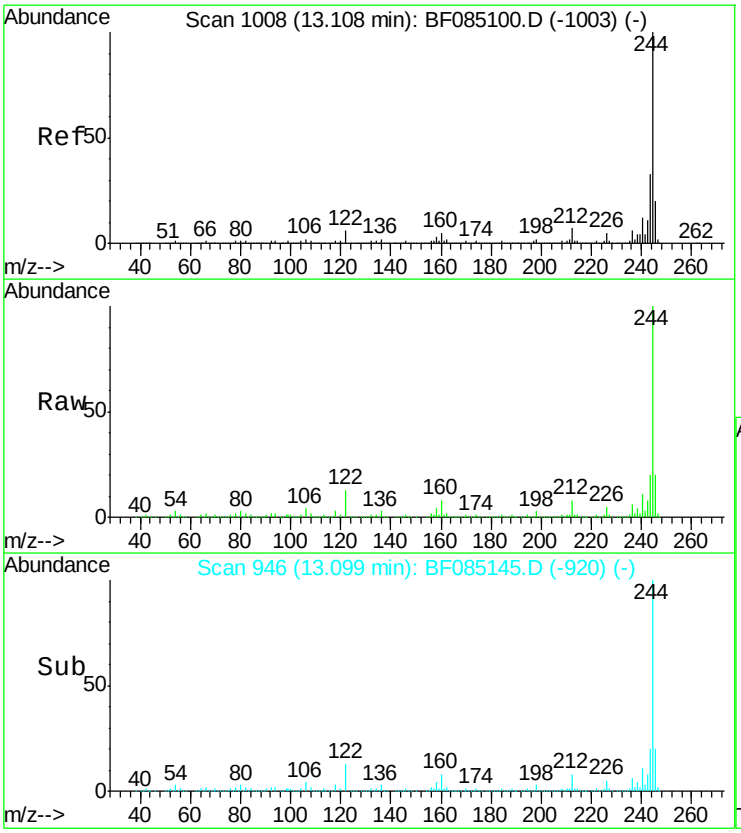
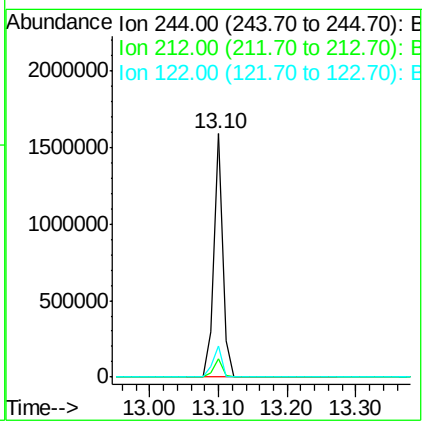
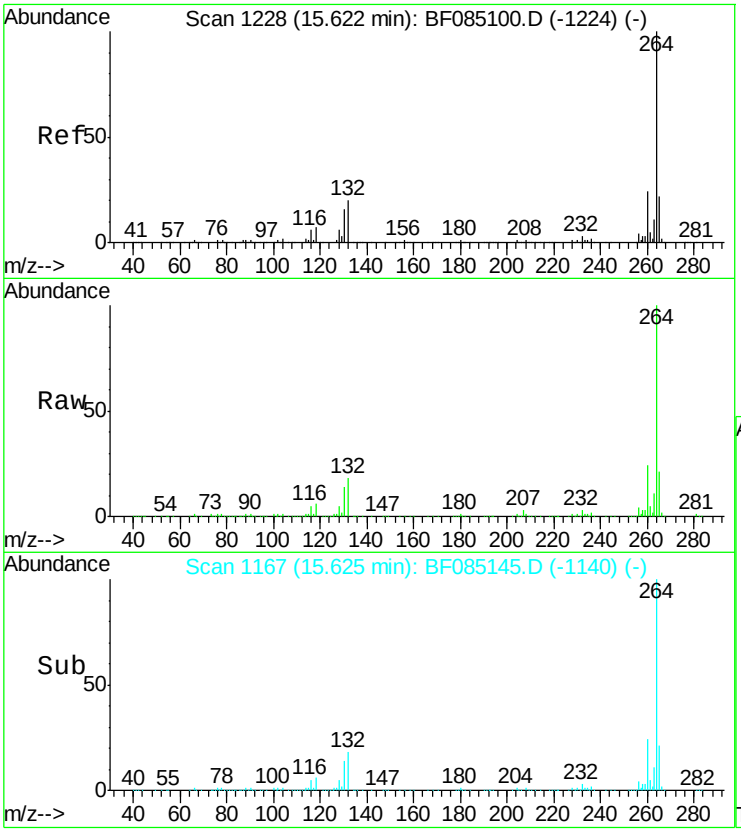


#78
Terphenyl-d14
Concen: 93.81 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:244 Resp: 1466620

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	12.8	5.1	7.7#

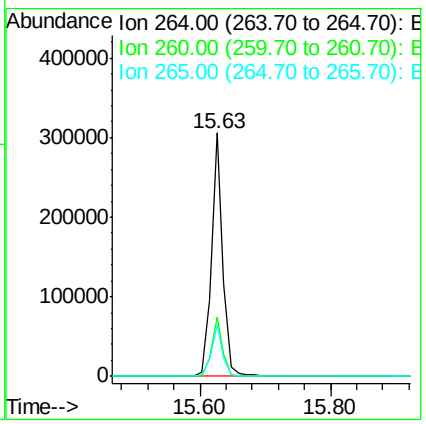




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085145.D
Acq: 3 Mar 2016 3:16

Tgt Ion:264 Resp: 376363

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.2	17.4	26.2



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